

# UTILITY PATENT APPLICATION UNDER 37 CFR 1.53(b)

Box PATENT APPLICATION  
Commissioner for Patents  
Washington, DC 20231  
Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR: Kraisorn THRONGNUMCHAI, Yoshio SHIMOIDA  
FOR: ON-CHIP TEMPERATURE DETECTION DEVICE

Enclosed are:

- ☒ 38 pages of specification, claims, abstract.
- ☒ Declaration and Power of Attorney.
- ☒ Priority Claimed.
- ☒ Certified copy of Japanese Patent Application 2001-090295
- ☒ 9 sheets of formal drawing.
- ☒ An assignment of the invention to Nissan Motor Co., Ltd.  
and the assignment recordation fee.
- ☐ An associate power of attorney.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☒ Information Disclosure Statement, Form PTO-1449 and reference.
- ☒ Return Receipt Postcard

The filing fee has been calculated as shown below:

	NO. OF CLAIMS		EXTRA CLAIMS	RATE	AMOUNT
Total Claims	17	-20	0	\$18.00	\$0.00
Independent Claims	6	-3	3	\$84.00	\$252.00
Multiple Dependent Claim(s)					\$0.00
Basic Fee					\$740.00
Total of Above Calculations					\$992.00
Less 1/2 for Small Entity					\$0.00
Assignment & Recording Fee					\$40.00
Total Fee					\$1,032.00



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PATENT TRADEMARK OFFICE

JC872 U.S. PTO  
10/091305  
03/06/02

03/06/02  
J1132 U.S. PTO

10091305 030602

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 500417. A duplicate copy is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 500417. A duplicate copy of this sheet is enclosed.

☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

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**THE** **W** **E** **S** **T** **R** **N** **A** **L** **I** **N** **D** **E** **X** **P** **O** **S** **I** **T** **I** **O** **N**